

Claims

1. Adjustable riser pipe in a device for brewing coffee, tea or the like
- said device including two containers sealingly arranged relative to and above  
5 one another, where the two containers are flow-connected through the adjustable riser pipe in such a manner that liquid water can be caused to leave the closed lower container and enter the upper container through said riser pipe by means of pressure resulting from a heating until the rising of liquid water is stopped because the water level reaches a limit level defined by a level set  
10 by the lower edge of the riser pipe, optionally according to a set of marking points,
- characterised in,**
- that the riser pipe (7) is formed by a main pipe (2) and a sleeve (6) being substantially sealingly and axially and/or circumferentially displaceable about  
15 said main pipe,
- that the main pipe (2) fixedly and tightly abuts a structure (4) in the upper container (1),
- that the main pipe (2) includes a lower edge (5) at an unchangeable distance and direction from a fixed reference point on the upper container,
- 20 - that the adjustable length of the riser pipe and consequently the set limit for the rising liquid water from the lower container during the brewing procedure are defined by the instantaneous maximum level of the lower edge (8) of the sleeve (6).
- 25 2. Adjustable riser pipe according to claim 1, **characterised in** that in the upward direction any structure member (2, 6) from the adjustable riser pipe stops substantially on a level with the bottom (22) of the upper container.
3. Adjustable riser pipe according to one or more of the above claims, **characterised in** that the main pipe (2) on the outer side at the sleeve (6) presents a circular  
30 cross section and a relatively smooth surface.

4. Adjustable riser pipe according to one or more of the above claims, **characterised in** that during the setting movement the sleeve (6) is guided in a helical path about the main pipe (2).
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5. Adjustable riser pipe according to claim 4, **characterised in** that the helical path is defined by an axially extending helical groove (9) in the cylindrical surface of the main pipe (2) at the sleeve (6) and by a structure member (11) projecting from the inner side (10) of the sleeve (6) and engaging said cylindrical surface of the main  
10 pipe (2).
6. Adjustable riser pipe according to claim 5, **characterised in** that the engaging structure member (11) projecting from the inner side of the sleeve is positioned on an integrated resilient web (20) of the sleeve (6).
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7. Adjustable riser pipe according to claim 5 or 6, **characterised in** that locally the groove (9) presents an increased depth (17).
8. Adjustable riser pipe according to one or more of the above claims, **character-**  
20 **ised in** that the indication of the settings is formed as a ruler (13) with setting points arranged at the upper rim (12) of the sleeve, a reference point (14) on the main pipe (2) appears axially on the circumferential outer side of the main pipe.
9. Adjustable riser pipe according to claims 5 and 8, **characterised in** that the  
25 upper edge (12) of the sleeve (6) with the setting points (13) follows the pitch of the helical groove (9).
10. Adjustable riser pipe according to one or more of the above claims, **character-**  
30 **ised in** that the setting points (13, 14) result from a profiling of the material surface of the sleeve (6) and/or the main pipe (2).

11. Adjustable riser pipe according to one or more of the above claims, **characterised in** that the setting points are provided by means of a material with a colour/light effect clearly differing from the main material ingredient of the sleeve and/or the main pipe, respectively.
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12. Adjustable riser pipe according to one or more of the above claims, **characterised in** that the lower portion of the sleeve (6) resiliently and sealingly surrounds the main pipe (2) due to the properties of the material used.
- 10 13. Adjustable riser pipe according to one or more of the claims 4 to 12, **characterised in** that the helical movement between the sleeve (6) and the main pipe (2) is limited by physical stops in form of projecting portions (11, 16) and/or edges (19)/surfaces and/or recesses (9) which can engage one another.
- 15 14. Adjustable riser pipe according to one or more of the above claims, **characterised in** that the outer side of the sleeve (6) and/or the main pipe (2)/the upper container (1) is optionally partially provided with a hold-ensuring surface profiling/structure/texture.